






HYDROPHILIC AMPHOLYTIC POLYMER

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Abstract of WO0039176

A novel hydrophilic ampholytic polymer synthesized by reacting polymerizable amino and carboxy functional ethylenically unsaturated monomers, together with a non-ionic hydrophilic monomer, to provide a polymer having a glass transition temperature (T_g) above about 50 DEG C, and optionally hydrophobic monomer(s), and cross-linking monomers(s). The copolymer is precipitated from a polymerization media which includes a suitable organic solvent. The resulting copolymer is in the form of a fine powder, with submicron particle size. As such it is suitable for use as a thickener or rheology modifier in personal care formulations, such as shampoo, conditioner, and the like, as a bioadhesive, and for other pharmaceutical applications.

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